

AMENDMENTS TO CLAIMS

Claim 1. (currently amended) An opening and closing lid system of a compartment disposed underwater in a pool, said system comprising:

- a) a remote power pack located at a position remote from the pool for providing hydraulic power;
- b) a hydraulic drive mechanism coupled to the remote power pack having an actuator driven by the hydraulic power; and
- c) a mechanical decoupled linkage extending between the actuator of the hydraulic drive mechanism and the a lid of the underwater compartment for allowing hydraulic powered openable as well as manual openable and closeable movement of the lid.

Claim 2. (previously presented) A modular lid system on an underwater enclosure located in a pool, the modular lid system comprising:

- a) A rigid lid portion having an overall buoyancy such that the lid portion closes the enclosure underwater by force of gravity;
- b) A remote power pack for providing a source of hydraulic power to the system, the remote power pack being located at a position remote from the enclosure and including a hydraulic pump;
- c) A hydraulic drive mechanism actuated by the hydraulic pump, the drive mechanism having a predetermined range of movement;
- d) A decoupled linkage mechanism extending between the hydraulic drive mechanism and the lid portion for causing limited opening movement thereof, said limited opening movement corresponding to the predetermined range of movement of the hydraulic drive mechanism.

Claim 3. (previously presented) The modular lid system of Claim 2 wherein the rigid lid portion consists of a plurality of modular lid sections coupled together.

Claim 4. (currently amended) A lid section for a modular lid for covering an underwater enclosure, the lid section comprising:

an inverted pan having an upper surface, an inner surface, 2 opposite side edges, and a leading edge and opposite a pivoting hinged edge pivotally coupling the lid section to the underwater enclosure;
a torsion structural member disposed adjacent the inner surface and adjacent the pivoting hinged edge;

coupling means located on ~~a~~ each side edge for coupling the lid section to one or more additional lid sections, whereby the coupled lid sections form a rigid, longitudinal modular lid that can be opened and closed as a unit.

Claim 5. (original) The lid section of Claim 4, further comprising:
a buoyancy tank disposed adjacent the inner surface and adjacent the leading edge.

Claim 6. (previously presented) The modular lid system of Claim 3 having L-shaped brackets fastened to side edges of each of the plurality of modular lid sections for securing the modular lid sections together to structurally form a lid closing the underwater enclosure.

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